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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,245	03/02/2004	Sean Patrick McCarthy	18095 (AT 20958-1034)	3616

7590 11/03/2004

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EXAMINER

NGUYEN, PHUONGCHI T

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/791,245

Applicant(s)

MCCARTHY ET AL.

Examiner

Phuongchi Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) 3,8,9 and 12 is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,5,10,11,13,14 and 18-20 is/are rejected.
- 7) ☒ Claim(s) 5,6,15,16,21 and 22 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Election/Restriction

1. This application contains claims directed to the following patentably distinct species of the claimed invention. specie 1 (Figures 5-13), specie 2 (Figures 14-16).

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claim 1 is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141: If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

2. During a telephone conversation with Mr. Bruce Atkins on September 30, 2004, a provisional election was made with traverse to prosecute the invention of specie 1, claims 1-2, 4-

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7, 10-11 and 13-22. Affirmation of this election must be made by applicant in replying to this Office action. Claims 3, 8-9 and 12 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 4-5, 10-11, 13-14 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue et al (US5232380) in view of Peloza (US6065998).

In regarding to claim 1, Inoue et al discloses (figures 1, 2, 3 and 6) a cable connector assembly comprising a cable (10) comprising a conductive braid (4); and a primary shield (32A+30+32B) coupled to the cable (10) and in electrical contact with the conductive braid (4), the primary shield (32A+30+32B) defining a three sided enclosure (forming by 32A+30+32B) surrounding the cable (10), and a secondary shield (34+34) defining at least a portion of a fourth side (top side) of the enclosure (forming by 32A+30+32B) and electrically connected to the braid (4). Inoue et al discloses the invention, but lacks a coaxial cable connector. However, Peloza teaches a coaxial cable connector having a shield (32) with a primary shield (36) and secondary shield (adjacent 38) (figure 2). It would have been obvious to one having ordinary skill at the time the invention was made by providing a coaxial cable connector as taught by Peloza on the cable connector of Inoue et al for shielding each cable connector member.

In regarding to claim 2, Inoue et al discloses (figures 1 and 6) the cable connector assembly wherein the primary shield (32A+30+32B) comprises opposite side walls (32A, 32B)

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and a connecting wall (30) extending between the side walls (32A, 32B), a portion (of 32A) (figure 6) of at least one of the side walls (32A, 32B) folded over a (top) side of the cable (10) opposite the connecting wall (30) to form the secondary shield (34+34).

In regarding to claims 4 and 5, Inoue et al discloses (figures 1 and 6) the cable connector assembly wherein the primary shield (32A+30+32B) includes opposite side walls (32A, 32B), at least one of the side walls/each (32A, 32B) comprising a secondary shield flap (of 32A) (figure 6) configured for shielding the cable (10) along the fourth side (top side) of the enclosure (forming by 32A+30+32B).

In regarding to claim 10, Inoue et al further discloses a plug assembly (21) configured for mating engagement with the receptacle assembly, each of the plug assembly (21) and the receptacle assembly (mating connector) configured to receive and connect a cable (10) thereto.

Claims 11, 13 and 14 are rejected for the same reason of claims 2, 4 and 5, respectively.

In regarding to claim 18, Inoue et al further discloses a contact (7) configured for connection to a respective cable (3 of 10), a dielectric (21) configured to receive the contact (7) and a portion (tip end of 3) of the respective cable (10) (figure 1).

Claims 19 and 20 are rejected for the same reason of claims 4 and 5, respectively.

5. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue et al (US5232380) in view of Peloza (US6065998), applied as claim 10 above, and further in view of Aoyama et al (US5924887).

Inoue et al discloses the invention, but lacks a cable displacement (CCD) section. However, Aoyama et al teaches (figures 1 and 3) the primary shield (18+19+18) comprises a cable displacement (CCD) section (20) adjoining the side walls (18, 18). It would have been obvious to one having ordinary skill at the time the invention was made to modify the primary

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shield of Inoue et al by connecting a cable displacement (CCD) section as taught by Aoyama et al to grip the cable tightly with the primary and secondary shields.

Allowable Subject Matter

6. Claims 6-7, 15-16 and 21-22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. The following is a statement of reasons for the indication of allowable subject matter:

In regarding to claims 6, 15 and 21, none of prior art teaches or suggests the coaxial cable connector assembly wherein a secondary shield flap of each of the side walls of the primary shield folded over the respective side walls along the fourth side of the enclosure, and a gap extends between the secondary shield folded flaps on the fourth side.

In regarding to claims 7, 16 and 22, none of prior art teaches or suggests the coaxial cable connector assembly where the secondary shield comprises at least one serrated edge.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchi Nguyen whose telephone number is (571) 272-2012. The examiner can normally be reached on 8:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

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applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PCN

October 19, 2004



ROSS GUSHI
PRIMARY EXAMINER